



ACU/BGSIT-411(2)/Clsd-Tender/ 47 /2022-23

Date: 04.07.2022

TENDER NOTIFICATION

Adichunchanagiri University is inviting **closed tender** for the supply of 30 KVA **uninterruptible power supply (UPS)** to “BGS Institute of Technology (BGSIT)”, B.G. Nagara, from the competitive firms.

1	Name of the work	Supply, Installation and Commissioning of 30 KVA uninterruptible power supply (UPS) to BGS Institute of Technology (BGSIT)”.
2	Last date for tender submission	On or Before 20-07-2022 up to 05:00 PM

Sl. No.	Name of the Goods Particulars	Provisional Qty. (In No's)
1.	30KVA/40KVA uninterruptible power supply (UPS)	02
2.	Batteries	60

Note: Kindly send quotes in 2 bid formats (Technical and Financial bids sealed separately inside the main envelope for each individual item or list of items) to be addressed to “**The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya(D)**”.

- Adichunchanagiri University reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- The sealed cover must be duly superscripted with the words “ACU/BGSIT/Clsd Tندر/UPS/Ref no” Or tender details for which company is quoting and quote should be in INR only.
- Attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN and 02 Years of ITR declaration inside the envelope and **company contact details with email ID** on the main envelope cover for further correspondence.
- Quote for **unit price** with applicable GST (display GST at extra column) and goods must have a **minimum warranty of 03 years and above**.
- For any queries, please write to **registrar@acu.edu.in** or telephone to purchase section **+91 -98458 3583**

Dr. C.K. Subbaraya
Registrar
Adichunchanagiri University
B.G.Nagara-571448



Technical Specifications

1.	uninterruptible power supply
Configuration Specification	
Technical Specifications for Three phase input and Three Phase Output Online UPS with power factor correction.	
UPS Rating KVA	30KVA/40KVA
UPS Rating KW	24kw /32kw
Input (Rectifier)	IGBT Based Rectifier
Nominal AC Input Voltage	3 Phase 400 V AC + Neutral + Earth
Line Low / High Range	350 V AC – 460 V AC
Frequency Range	47 Hz to 53 Hz
Power factor	≥ 0.9 @ input voltage nominal
Efficiency (AC- DC)	≥ 90 %
Output (Inverter)	PWM Technology with IGBT Based
Voltage	400V AC Programmable
Voltage Regulation	± 1 %
Frequency (Free running)	50 Hz ± 0.5 %
Output Waveform	Pure Sine Wave
Harmonic Distortion (THD)	< 3% (Linear Load) / ≤ 5% (Non-Linear Load)
Power factor	0.8 Lag to Unity
Crest factor	03:01
Efficiency (DC-AC)	≥ 90 %
Isolation Transformer	Galvanic Isolation
Battery	
Battery Type	Sealed Maintenance Free Lead Acid , Lead Acid Tubular
Battery Rating	12 V DC / upto 150 AH Any Rating
Charger	360V DC bus Constant Voltage Constant Current





General	
Operating Temperature	0 Deg to 45 Deg. C
Humidity	20 % to 95 %
Noise Level	< 60 dB @ 1 Meter
Indication -LED / LCD Display	Mains On, Inverter On, UPS On Battery, Load On UPS, Load, Faulty Condition, Over Temperature
Audible Alarm	Mains Failure Alarm, Low Battery pre Alarm , Over Load, UPS Over Current
UPS Protection	Advanced Electronic Protection for Input over Voltage, Under Voltage, Device Safety backed with MCBs,

2. **Batteries : Exide Tubular EL100 AH -12V.**

Dr. C.K. Subbaraya
Registrar
Adichunchanagiri University
B.G.Nagara-571448